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(54) Title: **RHENIUM CATALYST ON A SILANIZED ALUMINA CARRIER AND ITS USE IN THE METATHESIS REACTION OF OLEFINS**

(57) Abstract: A process is described for the preparation of a heterogeneous catalyst containing rhenium as active component and an inert carrier medium. characterized in that said inert carrier is previously treated with a silanizing compound containing chlorine, before the laying of the active component on the carrier, and the activation of the heterogeneous catalyst takes place by means of thermal treatment followed by a rapid final cooling. The catalyst is particularly active in metathesis reactions of olefins.

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